

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627854 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-727-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627854 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6C-727-U-MR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

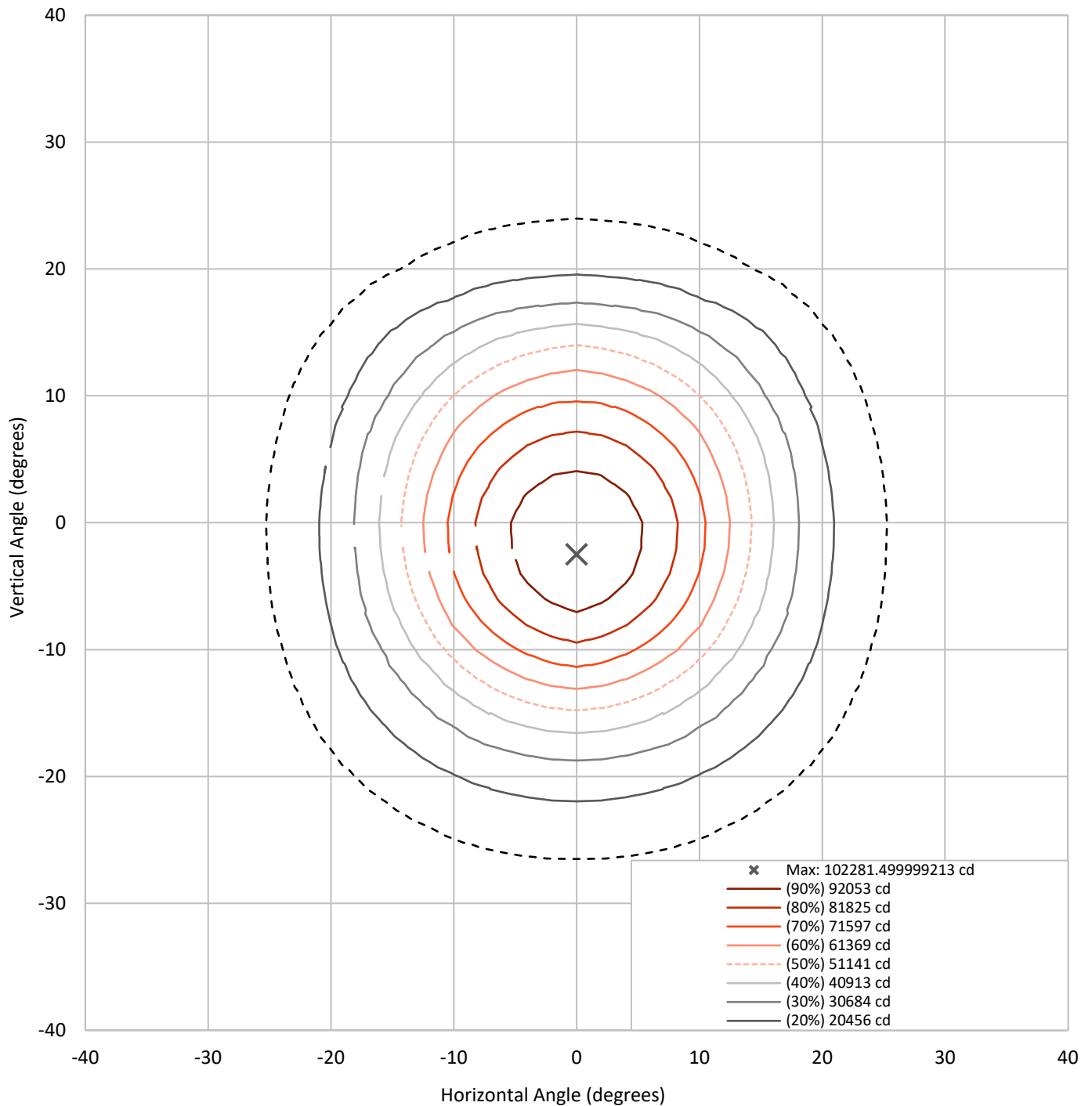
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	29009.3 lumens	Max Intensity:	102281.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	117.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	14504.9 lumens	Field Lumens:	24924.4 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	247.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0			
50		0.0	0.2	0.8	2.0	3.3	4.6	5.5	5.5	4.6	3.3	2.0	0.8	0.2	0.0				
40	0.1	0.1	1.0	3.2	6.1	9.4	13.2	15.5	15.5	13.2	9.4	6.1	3.2	1.0	0.1	0.1			
30		0.4	2.5	6.2	11.4	18.7	31.3	41.7	41.7	31.3	18.7	11.4	6.2	2.5	0.4				
20	0.2	0.9	3.9	9.5	18.0	43.8	137.7	252.5	252.5	137.7	43.8	18.0	9.5	3.9	0.9	0.2			
10		1.4	5.4	12.9	30.9	151.1	614.3	1202.9	1202.9	614.3	151.1	30.9	12.9	5.4	1.4				
0	0.4	1.8	6.6	15.3	44.3	288.0	1240.4	2431.4	2431.4	1240.4	288.0	44.3	15.3	6.6	1.8	0.4			
-10		2.1	7.1	16.2	47.3	301.7	1272.8	2578.1	2578.1	1272.8	301.7	47.3	16.2	7.1	2.1				
-20	0.5	2.2	7.3	15.8	38.9	185.3	703.9	1364.4	1364.4	703.9	185.3	38.9	15.8	7.3	2.2	0.5			
-30		2.2	6.9	14.4	28.5	71.9	218.0	388.9	388.9	218.0	71.9	28.5	14.4	6.9	2.2				
-40	0.5	1.9	6.2	12.5	21.6	35.5	58.0	77.5	77.5	58.0	35.5	21.6	12.5	6.2	1.9	0.5			
-50		1.6	5.1	10.4	17.1	24.5	32.2	36.1	36.1	32.2	24.5	17.1	10.4	5.1	1.6				
-60	0.3	1.2	3.8	8.1	13.4	18.6	23.2	25.3	25.3	23.2	18.6	13.4	8.1	3.8	1.2	0.3			
-70		0.8	2.4	5.3	8.9	12.7	15.9	17.5	17.5	15.9	12.7	8.9	5.3	2.4	0.8				
-80	0.1	1.9	8.6	18.5	23.4	18.5	8.6	1.9	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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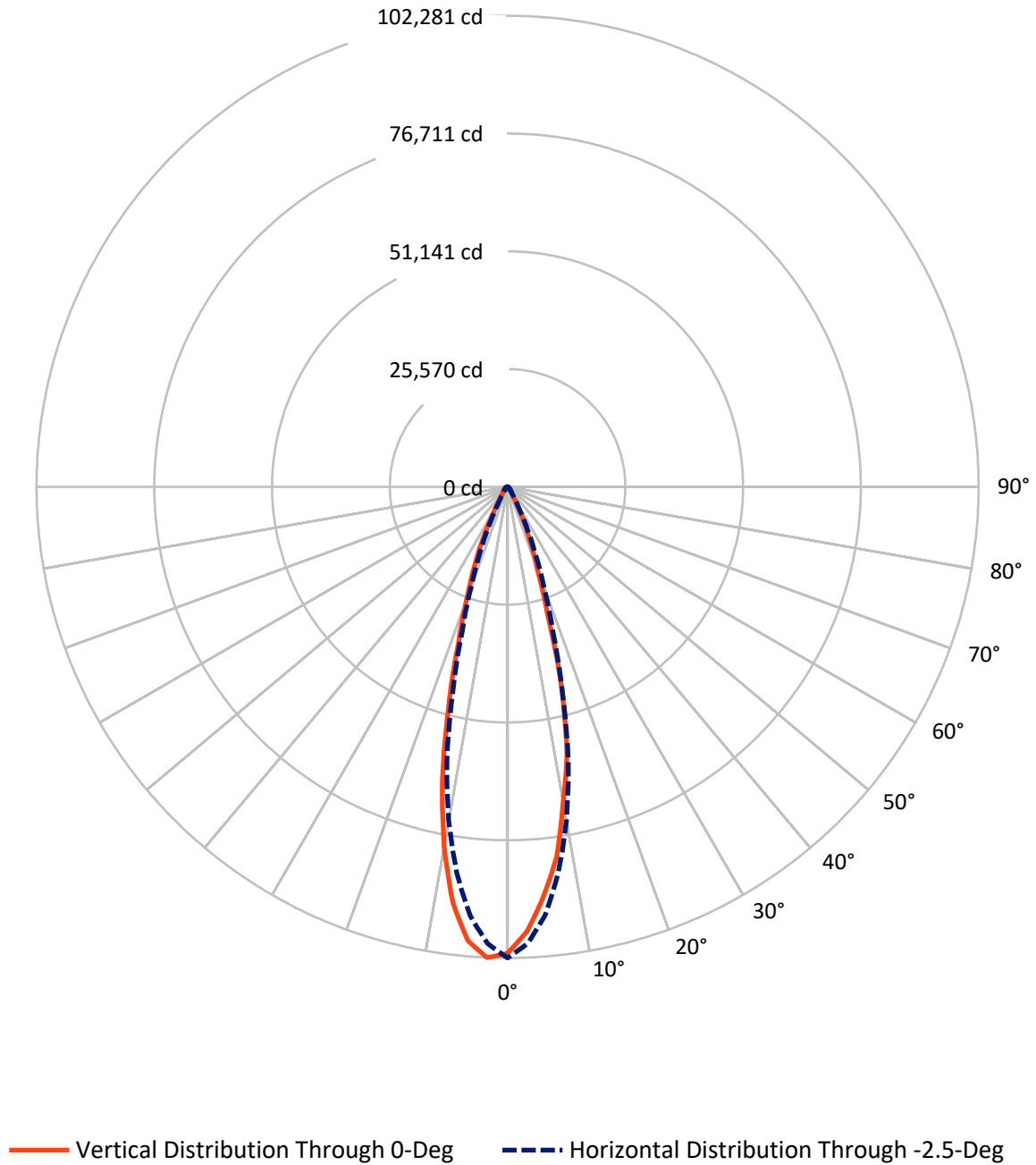
Scaled Data Report



REPORT NUMBER: P627854 (CONVERTED FROM TYPE C PHOTOMETRY)

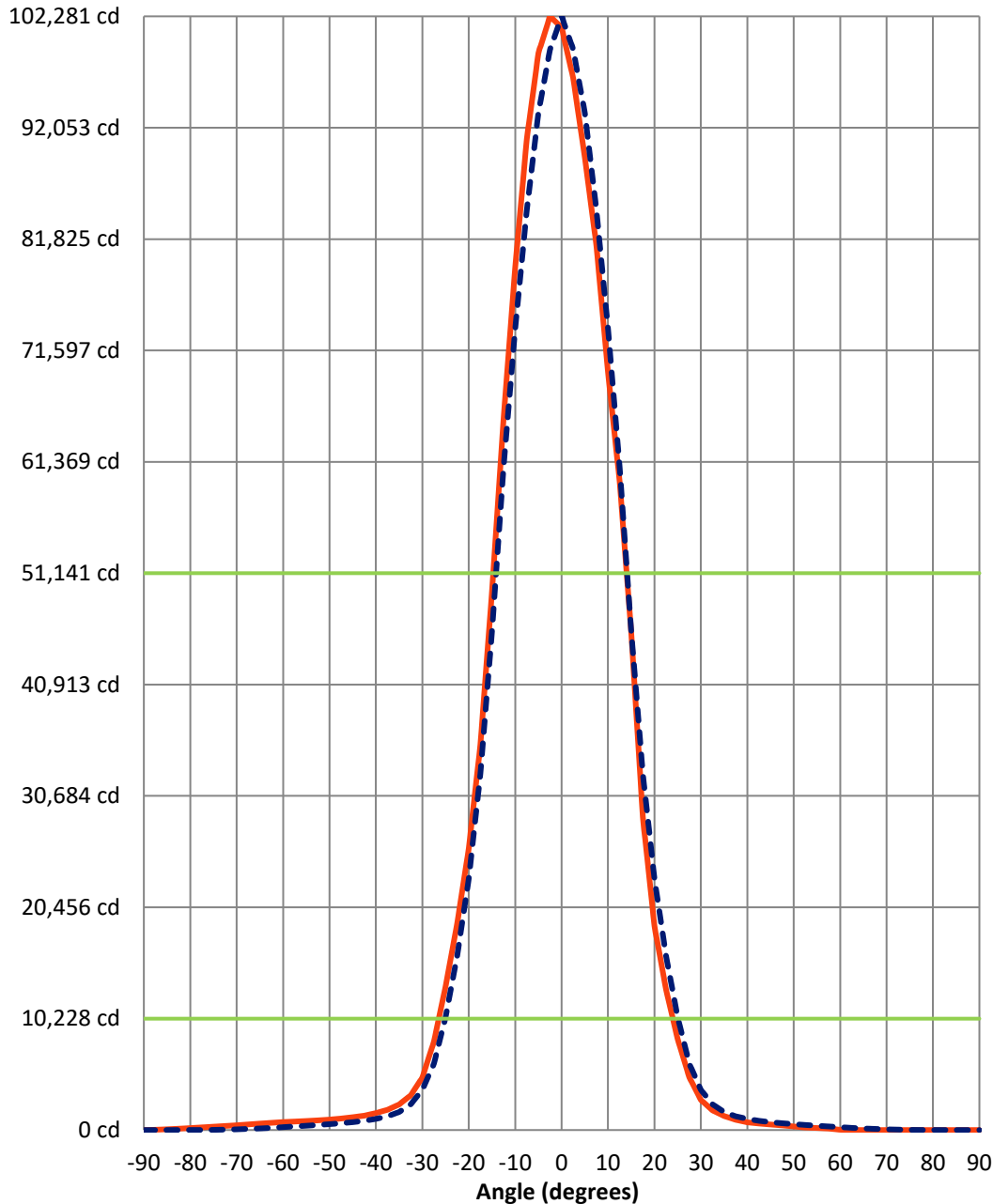
CATALOG NUMBER: GFLD-SA6C-727-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 14504.9
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 24924.4
 Efficiency: 85.9%

Spill:
 Lumens: 4084.9
 Efficiency: 14.1%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through -2.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	0	0	0	0	1	2
57.5°	0	0	0	0	0	0	0	0	1	3	2
55°	0	0	0	0	0	0	1	0	3	4	3
52.5°	0	0	0	0	0	0	1	2	5	4	3
50°	0	0	0	0	0	1	2	3	6	5	4
47.5°	0	0	0	0	0	1	3	5	6	5	5
45°	0	0	0	0	0	2	4	6	6	6	6
42.5°	0	0	0	0	0	3	4	6	6	6	10
40°	0	0	0	0	0	4	5	6	7	7	15
37.5°	0	0	0	0	1	4	6	6	8	9	21
35°	0	0	0	0	2	5	6	6	10	16	28
32.5°	0	0	0	0	2	5	6	6	12	21	35
30°	0	0	0	0	3	6	6	7	15	27	43
27.5°	0	0	0	0	3	6	6	9	18	33	51
25°	0	0	0	0	4	6	6	11	23	39	60
22.5°	0	0	0	0	4	6	6	14	27	46	72
20°	0	0	0	0	5	6	6	16	31	53	83
17.5°	0	0	0	0	5	6	7	19	35	60	93
15°	0	0	0	0	6	6	7	22	39	68	102
12.5°	0	0	0	0	6	6	8	25	43	75	110
10°	0	0	0	0	6	6	9	28	46	81	118
7.5°	0	0	0	0	6	6	10	31	50	88	125
5°	0	0	0	0	6	6	11	34	53	93	131
2.5°	0	0	0	0	6	6	12	36	55	99	137
0°	0	0	0	0	6	6	13	39	58	103	142
-2.5°	0	0	0	0	6	7	15	39	64	107	146
-5°	0	0	0	1	6	8	18	40	69	110	149
-7.5°	0	0	0	1	6	8	20	40	73	112	152
-10°	0	0	0	2	6	9	22	41	76	114	153
-12.5°	0	0	0	2	6	10	24	41	79	116	157
-15°	0	0	0	2	6	10	25	41	79	117	160
-17.5°	0	0	0	2	6	10	25	43	78	118	161
-20°	0	0	0	3	6	10	26	45	77	118	161

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CATALOG NUMBER: GFLD-SA6C-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	3	6	10	27	46	75	116	159
-25°	0	0	0	3	6	11	27	47	73	114	155
-27.5°	0	0	0	3	6	12	27	48	71	110	151
-30°	0	0	0	3	6	12	27	48	70	107	147
-32.5°	0	0	0	3	7	13	26	48	70	103	141
-35°	0	0	0	3	8	13	26	47	69	99	133
-37.5°	0	0	0	2	8	13	26	46	68	95	130
-40°	0	0	0	2	8	14	26	44	65	91	127
-42.5°	0	0	0	1	8	14	25	42	63	89	122
-45°	0	0	0	1	8	14	24	41	61	85	116
-47.5°	0	0	0	1	8	14	23	39	58	80	110
-50°	0	0	0	1	7	14	22	37	55	76	102
-52.5°	0	0	0	1	7	13	21	34	51	71	94
-55°	0	0	0	1	6	12	20	31	47	65	87
-57.5°	0	0	0	1	5	12	18	28	42	60	79
-60°	0	0	0	1	5	11	17	26	38	54	71
-62.5°	0	0	0	1	5	10	16	23	34	47	64
-65°	0	0	0	1	4	9	14	21	30	42	55
-67.5°	0	0	0	1	4	8	13	19	26	37	49
-70°	0	0	0	1	4	7	12	17	23	32	42
-72.5°	0	0	0	1	3	7	11	15	20	27	35
-75°	0	0	0	1	3	6	9	12	16	21	28
-77.5°	0	0	0	1	3	5	8	10	13	16	21
-80°	0	0	0	1	2	4	6	8	10	12	15
-82.5°	0	0	0	1	2	3	5	6	7	8	10
-85°	0	0	0	0	1	2	3	4	4	5	5
-87.5°	0	0	0	0	1	1	2	2	2	2	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627854 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	1	1	1	2	2
60°	0	0	1	2	1	3	4	5	6	6	13
57.5°	1	1	3	3	5	7	10	12	20	29	36
55°	2	4	5	5	9	15	21	32	43	56	68
52.5°	4	6	6	10	19	28	41	56	73	86	97
50°	6	8	8	21	32	47	67	88	103	115	133
47.5°	9	10	20	33	49	72	98	115	130	153	180
45°	12	19	31	49	71	101	124	141	166	194	221
42.5°	17	29	46	64	99	128	150	174	201	232	262
40°	25	39	62	91	126	154	182	209	237	273	304
37.5°	33	53	79	115	151	182	214	245	279	317	354
35°	41	68	100	138	174	212	247	283	325	367	408
32.5°	52	83	119	159	199	240	279	326	370	415	466
30°	66	100	137	180	222	266	316	367	411	462	517
27.5°	80	114	155	200	243	291	351	403	450	505	565
25°	94	130	173	218	266	321	384	437	488	548	619
22.5°	107	145	193	234	287	351	415	475	532	592	675
20°	120	162	211	257	308	379	447	513	580	656	749
17.5°	132	178	229	280	337	407	479	552	627	720	835
15°	143	192	247	302	363	435	510	591	678	786	918
12.5°	154	206	264	322	386	460	538	622	723	852	1017
10°	164	217	280	340	406	482	562	650	758	898	1090
7.5°	173	229	295	357	424	502	583	674	788	936	1149
5°	181	240	306	369	438	518	600	694	811	966	1196
2.5°	188	249	315	379	449	528	611	706	827	994	1232
0°	193	258	322	386	457	534	618	715	837	1017	1256
-2.5°	199	266	329	394	466	541	625	722	848	1024	1262
-5°	204	273	335	400	472	545	629	726	854	1025	1265
-7.5°	207	277	339	405	477	550	632	729	857	1024	1263
-10°	210	280	343	409	481	553	633	728	852	1013	1243
-12.5°	214	281	344	410	482	554	630	722	840	993	1203
-15°	216	281	344	409	481	553	625	710	821	968	1150
-17.5°	217	281	343	406	478	550	618	700	803	941	1114
-20°	217	279	340	400	472	544	612	691	787	909	1065

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CATALOG NUMBER: GFLD-SA6C-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	215	277	335	394	463	533	603	677	766	869	1009
-25°	212	273	331	389	453	521	590	659	744	842	961
-27.5°	207	268	325	382	442	506	574	642	719	809	912
-30°	199	260	317	373	432	493	555	623	693	776	870
-32.5°	189	251	307	362	421	479	535	600	668	740	824
-35°	181	240	295	349	408	463	517	574	640	708	779
-37.5°	176	228	283	334	390	446	496	549	609	674	739
-40°	169	216	270	320	370	425	476	524	577	641	703
-42.5°	161	207	256	305	353	403	455	501	551	609	668
-45°	154	197	242	290	337	382	430	479	527	579	634
-47.5°	146	187	230	272	319	364	406	453	503	551	600
-50°	136	175	215	255	298	344	387	427	473	521	569
-52.5°	126	162	199	236	276	319	363	405	444	486	531
-55°	113	147	182	217	252	293	335	376	418	455	495
-57.5°	102	131	164	198	230	264	305	345	384	423	462
-60°	92	116	145	177	209	241	275	312	349	386	422
-62.5°	81	102	126	154	185	216	247	280	314	345	376
-65°	72	89	109	133	159	186	216	247	277	303	327
-67.5°	61	76	93	112	135	157	181	208	236	260	282
-70°	53	63	77	93	111	130	151	172	194	215	236
-72.5°	44	54	64	74	90	107	124	140	158	177	195
-75°	36	43	52	61	72	85	99	115	129	143	158
-77.5°	27	34	41	48	56	66	77	89	101	113	125
-80°	20	25	31	37	43	49	56	64	73	82	92
-82.5°	13	17	22	26	30	34	38	42	49	55	62
-85°	7	10	13	16	17	19	21	23	27	31	36
-87.5°	4	5	6	7	8	8	9	9	11	12	14
-90°	0	0	0	0	0	0	0	0	0	0	0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	1	2	1	1	0	0
62.5°	2	3	5	7	7	8	8	9	9	9	9
60°	16	16	24	29	29	22	32	36	35	30	29
57.5°	45	56	65	68	76	90	94	92	93	98	110
55°	79	88	94	107	120	133	142	149	157	165	175
52.5°	108	123	133	146	164	174	179	197	213	225	232
50°	153	169	186	203	220	236	248	267	288	310	323
47.5°	201	221	243	269	288	302	319	343	372	399	415
45°	246	269	296	321	342	363	388	418	447	474	494
42.5°	286	312	340	369	388	420	455	486	523	556	581
40°	332	357	399	429	454	488	540	585	628	669	695
37.5°	388	430	475	511	546	588	659	728	783	838	877
35°	454	505	561	601	652	731	819	915	1011	1088	1157
32.5°	517	573	631	694	772	884	995	1148	1290	1436	1572
30°	573	637	707	788	914	1070	1250	1485	1740	1994	2283
27.5°	633	703	786	915	1106	1319	1651	2021	2548	2972	3656
25°	698	777	890	1096	1360	1734	2314	2973	4064	4996	6046
22.5°	777	898	1059	1316	1758	2431	3332	4770	6444	8000	9483
20°	874	1038	1312	1722	2356	3391	5101	7281	9610	11885	14086
17.5°	1001	1263	1655	2238	3136	5312	7857	10972	14959	17955	20795
15°	1118	1449	2041	2986	4676	7477	11033	15803	21171	25685	30791
12.5°	1257	1656	2370	3595	6011	9713	14246	19935	26288	33140	41138
10°	1377	1868	2787	4472	7404	11712	16792	23470	31630	41325	51433
7.5°	1470	2045	3135	5131	8576	13352	19411	27533	37868	49199	60727
5°	1542	2182	3408	5646	9574	14683	21323	30748	42528	55534	66997
2.5°	1598	2279	3589	5964	10249	15593	22631	32457	45380	59670	71706
0°	1642	2338	3690	6189	10562	16023	23236	33147	46716	61696	74074
-2.5°	1657	2369	3695	6111	10371	15997	23094	32724	45794	60892	73571
-5°	1663	2353	3602	5949	10033	15423	22170	31116	42979	57140	69990
-7.5°	1651	2290	3413	5550	9275	14410	20879	28731	38455	50940	64221
-10°	1606	2180	3157	5009	8230	12829	18868	25503	33271	43463	54226
-12.5°	1526	2016	2804	4199	7000	11040	16388	22253	28307	35005	43858
-15°	1430	1847	2516	3708	5861	9161	13492	18445	23470	28599	33999
-17.5°	1357	1701	2220	3053	4500	7168	10631	14612	18688	22762	26398
-20°	1264	1527	1932	2580	3631	5210	7814	10912	13957	17279	20066

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REPORT NUMBER: P627854 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1181	1405	1708	2116	2823	3934	5419	7599	9914	12326	14615
-25°	1103	1272	1512	1840	2262	2923	3904	5044	6668	8152	9852
-27.5°	1037	1178	1342	1584	1904	2266	2868	3534	4385	5093	6227
-30°	973	1087	1221	1377	1612	1887	2211	2614	3031	3449	3992
-32.5°	914	1009	1114	1240	1385	1592	1793	2052	2280	2531	2790
-35°	855	940	1027	1127	1238	1374	1525	1696	1848	1999	2135
-37.5°	806	876	952	1031	1120	1215	1333	1454	1556	1655	1739
-40°	763	822	885	950	1022	1099	1191	1280	1349	1412	1466
-42.5°	724	776	826	881	941	1011	1083	1151	1198	1242	1277
-45°	688	732	778	823	872	933	995	1048	1085	1118	1144
-47.5°	648	689	730	772	819	867	917	956	989	1018	1037
-50°	610	650	687	721	763	807	850	883	912	937	950
-52.5°	572	611	648	684	718	752	785	817	846	872	882
-55°	536	573	607	640	673	706	736	763	790	815	822
-57.5°	500	538	574	601	629	658	687	714	739	762	770
-60°	459	498	529	555	582	610	634	660	685	706	716
-62.5°	411	446	474	499	524	548	571	594	616	634	644
-65°	353	383	411	436	459	480	502	522	540	554	563
-67.5°	304	326	349	372	395	416	435	452	469	481	489
-70°	256	276	297	317	337	356	373	389	404	415	422
-72.5°	212	230	249	267	285	301	315	329	343	352	359
-75°	173	188	203	219	235	248	259	271	282	290	296
-77.5°	137	149	160	172	184	194	204	213	221	228	233
-80°	102	111	120	129	137	144	151	158	166	171	177
-82.5°	69	76	83	90	96	101	104	108	111	116	120
-85°	40	44	48	53	57	60	63	65	68	70	73
-87.5°	16	18	20	21	23	24	24	25	25	27	29
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627854 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	1	1
62.5°	8	7	6	6	6	7	8	9	9	9	9
60°	28	26	26	26	26	26	28	29	30	35	36
57.5°	120	129	134	135	134	129	120	110	98	93	92
55°	183	189	190	187	190	189	183	175	165	157	149
52.5°	236	237	235	232	235	237	236	232	225	213	197
50°	327	326	327	328	327	326	327	323	310	288	267
47.5°	421	426	427	425	427	426	421	415	399	372	343
45°	503	509	511	509	511	509	503	494	474	447	418
42.5°	591	595	597	599	597	595	591	581	556	523	486
40°	707	711	710	708	710	711	707	695	669	628	585
37.5°	904	917	924	940	924	917	904	877	838	783	728
35°	1210	1243	1261	1288	1261	1243	1210	1157	1088	1011	915
32.5°	1671	1738	1774	1810	1774	1738	1671	1572	1436	1290	1148
30°	2484	2617	2670	2769	2670	2617	2484	2283	1994	1740	1485
27.5°	4158	4473	4597	4856	4597	4473	4158	3656	2972	2548	2021
25°	7003	7682	8057	8353	8057	7682	7003	6046	4996	4064	2973
22.5°	10980	11975	12507	12900	12507	11975	10980	9483	8000	6444	4770
20°	16082	17395	18178	18747	18178	17395	16082	14086	11885	9610	7281
17.5°	24441	26505	27712	28749	27712	26505	24441	20795	17955	14959	10972
15°	36488	40635	43859	45654	43859	40635	36488	30791	25685	21171	15803
12.5°	48207	54282	57891	59552	57891	54282	48207	41138	33140	26288	19935
10°	59797	65525	68959	69566	68959	65525	59797	51433	41325	31630	23470
7.5°	68670	74970	79533	81190	79533	74970	68670	60727	49199	37868	27533
5°	76507	83883	88712	89324	88712	83883	76507	66997	55534	42528	30748
2.5°	82272	90290	94973	96582	94973	90290	82272	71706	59670	45380	32457
0°	85061	93697	98907	101251	98907	93697	85061	74074	61696	46716	33147
-2.5°	84474	93406	99222	102281	99222	93406	84474	73571	60892	45794	32724
-5°	81262	90220	95643	98894	95643	90220	81262	69990	57140	42979	31116
-7.5°	73855	82233	88005	91005	88005	82233	73855	64221	50940	38455	28731
-10°	64311	71401	76662	79219	76662	71401	64311	54226	43463	33271	25503
-12.5°	51909	58786	63533	65341	63533	58786	51909	43858	35005	28307	22253
-15°	39772	45020	48392	49460	48392	45020	39772	33999	28599	23470	18445
-17.5°	30161	32987	34884	35395	34884	32987	30161	26398	22762	18688	14612
-20°	22596	24347	25578	25870	25578	24347	22596	20066	17279	13957	10912

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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	16464	17781	18775	18973	18775	17781	16464	14615	12326	9914	7599
-25°	11357	12458	13132	13183	13132	12458	11357	9852	8152	6668	5044
-27.5°	7120	7725	8037	8147	8037	7725	7120	6227	5093	4385	3534
-30°	4400	4679	4825	4830	4825	4679	4400	3992	3449	3031	2614
-32.5°	2987	3121	3195	3194	3195	3121	2987	2790	2531	2280	2052
-35°	2237	2307	2346	2351	2346	2307	2237	2135	1999	1848	1696
-37.5°	1799	1838	1858	1861	1858	1838	1799	1739	1655	1556	1454
-40°	1504	1531	1548	1558	1548	1531	1504	1466	1412	1349	1280
-42.5°	1301	1319	1326	1320	1326	1319	1301	1277	1242	1198	1151
-45°	1159	1169	1176	1179	1176	1169	1159	1144	1118	1085	1048
-47.5°	1046	1051	1054	1056	1054	1051	1046	1037	1018	989	956
-50°	957	961	962	960	962	961	957	950	937	912	883
-52.5°	885	886	888	889	888	886	885	882	872	846	817
-55°	827	829	830	831	830	829	827	822	815	790	763
-57.5°	777	782	782	779	782	782	777	770	762	739	714
-60°	724	730	733	734	733	730	724	716	706	685	660
-62.5°	653	659	662	663	662	659	653	644	634	616	594
-65°	570	576	585	592	585	576	570	563	554	540	522
-67.5°	495	500	508	515	508	500	495	489	481	469	452
-70°	429	435	437	438	437	435	429	422	415	404	389
-72.5°	366	371	373	374	373	371	366	359	352	343	329
-75°	302	307	309	309	309	307	302	296	290	282	271
-77.5°	239	243	244	245	244	243	239	233	228	221	213
-80°	181	186	183	180	183	186	181	177	171	166	158
-82.5°	124	128	125	122	125	128	124	120	116	111	108
-85°	75	77	74	71	74	77	75	73	70	68	65
-87.5°	30	32	29	26	29	32	30	29	27	25	25
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627854 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	2	1	0	0	0	0	0	0	0	0	0
62.5°	8	8	7	7	5	3	2	2	2	1	1
60°	32	22	29	29	24	16	16	13	6	6	5
57.5°	94	90	76	68	65	56	45	36	29	20	12
55°	142	133	120	107	94	88	79	68	56	43	32
52.5°	179	174	164	146	133	123	108	97	86	73	56
50°	248	236	220	203	186	169	153	133	115	103	88
47.5°	319	302	288	269	243	221	201	180	153	130	115
45°	388	363	342	321	296	269	246	221	194	166	141
42.5°	455	420	388	369	340	312	286	262	232	201	174
40°	540	488	454	429	399	357	332	304	273	237	209
37.5°	659	588	546	511	475	430	388	354	317	279	245
35°	819	731	652	601	561	505	454	408	367	325	283
32.5°	995	884	772	694	631	573	517	466	415	370	326
30°	1250	1070	914	788	707	637	573	517	462	411	367
27.5°	1651	1319	1106	915	786	703	633	565	505	450	403
25°	2314	1734	1360	1096	890	777	698	619	548	488	437
22.5°	3332	2431	1758	1316	1059	898	777	675	592	532	475
20°	5101	3391	2356	1722	1312	1038	874	749	656	580	513
17.5°	7857	5312	3136	2238	1655	1263	1001	835	720	627	552
15°	11033	7477	4676	2986	2041	1449	1118	918	786	678	591
12.5°	14246	9713	6011	3595	2370	1656	1257	1017	852	723	622
10°	16792	11712	7404	4472	2787	1868	1377	1090	898	758	650
7.5°	19411	13352	8576	5131	3135	2045	1470	1149	936	788	674
5°	21323	14683	9574	5646	3408	2182	1542	1196	966	811	694
2.5°	22631	15593	10249	5964	3589	2279	1598	1232	994	827	706
0°	23236	16023	10562	6189	3690	2338	1642	1256	1017	837	715
-2.5°	23094	15997	10371	6111	3695	2369	1657	1262	1024	848	722
-5°	22170	15423	10033	5949	3602	2353	1663	1265	1025	854	726
-7.5°	20879	14410	9275	5550	3413	2290	1651	1263	1024	857	729
-10°	18868	12829	8230	5009	3157	2180	1606	1243	1013	852	728
-12.5°	16388	11040	7000	4199	2804	2016	1526	1203	993	840	722
-15°	13492	9161	5861	3708	2516	1847	1430	1150	968	821	710
-17.5°	10631	7168	4500	3053	2220	1701	1357	1114	941	803	700
-20°	7814	5210	3631	2580	1932	1527	1264	1065	909	787	691

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REPORT NUMBER: P627854 (CONVERTED FROM TYPE C PHOTOMETRY)

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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5419	3934	2823	2116	1708	1405	1181	1009	869	766	677
-25°	3904	2923	2262	1840	1512	1272	1103	961	842	744	659
-27.5°	2868	2266	1904	1584	1342	1178	1037	912	809	719	642
-30°	2211	1887	1612	1377	1221	1087	973	870	776	693	623
-32.5°	1793	1592	1385	1240	1114	1009	914	824	740	668	600
-35°	1525	1374	1238	1127	1027	940	855	779	708	640	574
-37.5°	1333	1215	1120	1031	952	876	806	739	674	609	549
-40°	1191	1099	1022	950	885	822	763	703	641	577	524
-42.5°	1083	1011	941	881	826	776	724	668	609	551	501
-45°	995	933	872	823	778	732	688	634	579	527	479
-47.5°	917	867	819	772	730	689	648	600	551	503	453
-50°	850	807	763	721	687	650	610	569	521	473	427
-52.5°	785	752	718	684	648	611	572	531	486	444	405
-55°	736	706	673	640	607	573	536	495	455	418	376
-57.5°	687	658	629	601	574	538	500	462	423	384	345
-60°	634	610	582	555	529	498	459	422	386	349	312
-62.5°	571	548	524	499	474	446	411	376	345	314	280
-65°	502	480	459	436	411	383	353	327	303	277	247
-67.5°	435	416	395	372	349	326	304	282	260	236	208
-70°	373	356	337	317	297	276	256	236	215	194	172
-72.5°	315	301	285	267	249	230	212	195	177	158	140
-75°	259	248	235	219	203	188	173	158	143	129	115
-77.5°	204	194	184	172	160	149	137	125	113	101	89
-80°	151	144	137	129	120	111	102	92	82	73	64
-82.5°	104	101	96	90	83	76	69	62	55	49	42
-85°	63	60	57	53	48	44	40	36	31	27	23
-87.5°	24	24	23	21	20	18	16	14	12	11	9
-90°	0	0	0	0	0	0	0	0	0	0	0

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	1	0	0	0
60°	4	3	1	2	1	0	0	2	1	0	0
57.5°	10	7	5	3	3	1	1	2	3	1	0
55°	21	15	9	5	5	4	2	3	4	3	0
52.5°	41	28	19	10	6	6	4	3	4	5	2
50°	67	47	32	21	8	8	6	4	5	6	3
47.5°	98	72	49	33	20	10	9	5	5	6	5
45°	124	101	71	49	31	19	12	6	6	6	6
42.5°	150	128	99	64	46	29	17	10	6	6	6
40°	182	154	126	91	62	39	25	15	7	7	6
37.5°	214	182	151	115	79	53	33	21	9	8	6
35°	247	212	174	138	100	68	41	28	16	10	6
32.5°	279	240	199	159	119	83	52	35	21	12	6
30°	316	266	222	180	137	100	66	43	27	15	7
27.5°	351	291	243	200	155	114	80	51	33	18	9
25°	384	321	266	218	173	130	94	60	39	23	11
22.5°	415	351	287	234	193	145	107	72	46	27	14
20°	447	379	308	257	211	162	120	83	53	31	16
17.5°	479	407	337	280	229	178	132	93	60	35	19
15°	510	435	363	302	247	192	143	102	68	39	22
12.5°	538	460	386	322	264	206	154	110	75	43	25
10°	562	482	406	340	280	217	164	118	81	46	28
7.5°	583	502	424	357	295	229	173	125	88	50	31
5°	600	518	438	369	306	240	181	131	93	53	34
2.5°	611	528	449	379	315	249	188	137	99	55	36
0°	618	534	457	386	322	258	193	142	103	58	39
-2.5°	625	541	466	394	329	266	199	146	107	64	39
-5°	629	545	472	400	335	273	204	149	110	69	40
-7.5°	632	550	477	405	339	277	207	152	112	73	40
-10°	633	553	481	409	343	280	210	153	114	76	41
-12.5°	630	554	482	410	344	281	214	157	116	79	41
-15°	625	553	481	409	344	281	216	160	117	79	41
-17.5°	618	550	478	406	343	281	217	161	118	78	43
-20°	612	544	472	400	340	279	217	161	118	77	45

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Scaled Data Report



REPORT NUMBER: P627854 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	603	533	463	394	335	277	215	159	116	75	46
-25°	590	521	453	389	331	273	212	155	114	73	47
-27.5°	574	506	442	382	325	268	207	151	110	71	48
-30°	555	493	432	373	317	260	199	147	107	70	48
-32.5°	535	479	421	362	307	251	189	141	103	70	48
-35°	517	463	408	349	295	240	181	133	99	69	47
-37.5°	496	446	390	334	283	228	176	130	95	68	46
-40°	476	425	370	320	270	216	169	127	91	65	44
-42.5°	455	403	353	305	256	207	161	122	89	63	42
-45°	430	382	337	290	242	197	154	116	85	61	41
-47.5°	406	364	319	272	230	187	146	110	80	58	39
-50°	387	344	298	255	215	175	136	102	76	55	37
-52.5°	363	319	276	236	199	162	126	94	71	51	34
-55°	335	293	252	217	182	147	113	87	65	47	31
-57.5°	305	264	230	198	164	131	102	79	60	42	28
-60°	275	241	209	177	145	116	92	71	54	38	26
-62.5°	247	216	185	154	126	102	81	64	47	34	23
-65°	216	186	159	133	109	89	72	55	42	30	21
-67.5°	181	157	135	112	93	76	61	49	37	26	19
-70°	151	130	111	93	77	63	53	42	32	23	17
-72.5°	124	107	90	74	64	54	44	35	27	20	15
-75°	99	85	72	61	52	43	36	28	21	16	12
-77.5°	77	66	56	48	41	34	27	21	16	13	10
-80°	56	49	43	37	31	25	20	15	12	10	8
-82.5°	38	34	30	26	22	17	13	10	8	7	6
-85°	21	19	17	16	13	10	7	5	5	4	4
-87.5°	9	8	8	7	6	5	4	3	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627854 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	1	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	2	1	0	0	0	0	0
47.5°	3	1	0	0	0	0	0
45°	4	2	0	0	0	0	0
42.5°	4	3	0	0	0	0	0
40°	5	4	0	0	0	0	0
37.5°	6	4	1	0	0	0	0
35°	6	5	2	0	0	0	0
32.5°	6	5	2	0	0	0	0
30°	6	6	3	0	0	0	0
27.5°	6	6	3	0	0	0	0
25°	6	6	4	0	0	0	0
22.5°	6	6	4	0	0	0	0
20°	6	6	5	0	0	0	0
17.5°	7	6	5	0	0	0	0
15°	7	6	6	0	0	0	0
12.5°	8	6	6	0	0	0	0
10°	9	6	6	0	0	0	0
7.5°	10	6	6	0	0	0	0
5°	11	6	6	0	0	0	0
2.5°	12	6	6	0	0	0	0
0°	13	6	6	0	0	0	0
-2.5°	15	7	6	0	0	0	0
-5°	18	8	6	1	0	0	0
-7.5°	20	8	6	1	0	0	0
-10°	22	9	6	2	0	0	0
-12.5°	24	10	6	2	0	0	0
-15°	25	10	6	2	0	0	0
-17.5°	25	10	6	2	0	0	0
-20°	26	10	6	3	0	0	0

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CATALOG NUMBER: GFLD-SA6C-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	27	10	6	3	0	0	0
-25°	27	11	6	3	0	0	0
-27.5°	27	12	6	3	0	0	0
-30°	27	12	6	3	0	0	0
-32.5°	26	13	7	3	0	0	0
-35°	26	13	8	3	0	0	0
-37.5°	26	13	8	2	0	0	0
-40°	26	14	8	2	0	0	0
-42.5°	25	14	8	1	0	0	0
-45°	24	14	8	1	0	0	0
-47.5°	23	14	8	1	0	0	0
-50°	22	14	7	1	0	0	0
-52.5°	21	13	7	1	0	0	0
-55°	20	12	6	1	0	0	0
-57.5°	18	12	5	1	0	0	0
-60°	17	11	5	1	0	0	0
-62.5°	16	10	5	1	0	0	0
-65°	14	9	4	1	0	0	0
-67.5°	13	8	4	1	0	0	0
-70°	12	7	4	1	0	0	0
-72.5°	11	7	3	1	0	0	0
-75°	9	6	3	1	0	0	0
-77.5°	8	5	3	1	0	0	0
-80°	6	4	2	1	0	0	0
-82.5°	5	3	2	1	0	0	0
-85°	3	2	1	0	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)